

Work Order ID 95767

95767

Page 1

January-18-13 10:42:54 AM

Item ID: D139-799-031

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Cargo Compartment Protective Trim

Start Date: 1/02/13 Start Qty: 2.00 *2*

Cust Item ID:

Required Date: 1/23/13 Req'd Qty: 2.00 *2*

Customer:

Reference:

Approvals: Process Plan: ML5 Date: 13-01-21 Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
DSI 9636	A								
100		0.00							
100									
DC		0.00							
Document Control	Memo								
	Photocopy bluefile & type labels per PPP D139-799-031								
	CHG001								
110	Pick Kit	0.00							
110									
Packaging		0.00							
Packaging	Memo								
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC		0.00							
Quality Control	Memo								

SP

DAS
15
13-2-14

10 13-2-13

13/2/14 DAS
06

10x 13-2-12

DAS
15
13-2-14

10

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											

FAULT CATEGORY									
Landing Gear			General						
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain	<input type="checkbox"/> Ovalized	<input type="checkbox"/> Pressure/Forced					
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware	<input type="checkbox"/> Over/Under tolerance	<input type="checkbox"/> Temperature/Cure					
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete	<input type="checkbox"/> Part Incorrect	<input type="checkbox"/> Weld					
<input type="checkbox"/> Crushed/Crimped	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear	<input type="checkbox"/> Part Lost/Missing	<input type="checkbox"/> Wrong Stock Pulled					
<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance	<input type="checkbox"/> Part Moved						
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Mislabeled	<input type="checkbox"/> Positioned Wrong						
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread	<input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Other					
<input type="checkbox"/> Ripples in Bend	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Offset							
<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Calibration							
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence							
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions							

Work Order ID 95767

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Page 2

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Item ID: D139-799-031 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Cargo Compartment Protective Trim
 Start Date: 1/02/13 Start Qty: 2.00 *2* Cust Item ID:
 Required Date: 1/23/13 Req'd Qty: 2.00 *2* Customer:
 Reference:

Approvals: Process Plan: Date: Tooling: Date: Run Start *NR1*
 QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D139-799-031								
	Location: 46023								
	PPP rev: <i>[Signature]</i>								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

10-05-08 13/2/14 *[Signature]*

13/2/19 *[Signature]*

MP
13-2-15

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											

FAULT CATEGORY			
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions	<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other

Picklist Print

January-18-13 10:45:08 AM

Page 1

Work Order ID: 95767

Parent Item: D139-799-031

Parent Item Name: Cargo Compartment Protective Trim

Start Date: 1/02/13

Required Date: 1/23/13

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV:A NEW ISSUE 13-01-03 JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D4735-1		Manufactured	No				Each	0.0000					
---------	--	--------------	----	--	--	--	------	--------	--	--	--	--	--

Scuff Plate													
-------------	--	--	--	--	--	--	--	--	--	--	--	--	--

MS21075L3		Purchased	No				Each	43.0000					
-----------	--	-----------	----	--	--	--	------	---------	--	--	--	--	--

Nutplate													
----------	--	--	--	--	--	--	--	--	--	--	--	--	--

Location

Loc Qty

Loc Code

ST318

43

123832

43

MS27039-1-09		Purchased	No				Each	376.0000					
--------------	--	-----------	----	--	--	--	------	----------	--	--	--	--	--

Screw													
-------	--	--	--	--	--	--	--	--	--	--	--	--	--

Location

Loc Qty

Loc Code

FP001

80

18057

80

GA

50

111650

50

ST305

46

122814

46

ST508

200

124093

200

NAS1149G0332R		Purchased	No				Each	7,985.0000					
---------------	--	-----------	----	--	--	--	------	------------	--	--	--	--	--

Washer													
--------	--	--	--	--	--	--	--	--	--	--	--	--	--

Location

Loc Qty

Loc Code

FP001

302

123355

302

ST292

7683

123248

49

123759

7634

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
Operator <input type="checkbox"/>											
Material <input type="checkbox"/>											
Setup <input type="checkbox"/>											
Other <input type="checkbox"/>											
Process <input type="checkbox"/>											
Supplier <input type="checkbox"/>											
Training <input type="checkbox"/>											
Unapproved <input type="checkbox"/>											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other		

DART SERVICE INSTRUCTION

TO AMEND IIN-D139-799 REV. G AND ICA-D139-799 REV. 6

REF. FAA STC: SR02138SE

REF. EASA STC: 10038656

PURPOSE:

The purpose of this Dart Service Instruction (DSI) is to provide a Cargo Compartment Protective Trim Kit for AW 139 rotorcraft S/N 41300 and Subsequent.

PROCEDURE:

Install the D4735-1 Scuff Plates in the same position and using the same procedure as outlined in Section 3.6 of IIN-D139-799 for installation of the D4427-1 Scuff Plates as part of the D139-799-021 Cargo Compartment Protective Trim Kit. Trim D4735-1 Scuff Plates as required to ensure proper fit.

PARTS LIST

QTY. -031	PART NUMBER	DESCRIPTION
X	D139-799-031	CARGO COMPARTMENT PROTECTIVE TRIM KIT
2	D4735-1	SCUFF PLATE
10	MS21075L3	NUTPLATE
10	MS27039-1-09	SCREW
10	NAS1149C0332R	WASHER (or AN960C10L)

WEIGHT AND BALANCE:

INSTALLATION	WEIGHT	LATERAL		LONGITUDINAL	
D139-799-031 CARGO COMPARTMENT PROTECTIVE TRIM KIT	2.5 lb 1.1 kg	+/- 0.0 in +/- 0.0 m	+/- 0.0 in +/- 0.0 m	296 in 7.51 m	740 in lb 8.3 m kg

CONTINUING AIRWORTHINESS:

Maintain per ICA-D139-799 as outlined for the D139-799-021 Kit.

13-01-21
95767 MTS

A	NEW ISSUE	RF	12.11.01
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE USA, INC. KENT, WA	
DRAWN	RF		
CHECKED	RF	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9636	SHEET 1 OF 1
APPROVED	RF	TITLE	SCALE
DE APPR.	RF	CARGO PROTECTIVE TRIM KIT	NTS
DATE	12.11.01	COPYRIGHT © 2012 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

REFERENCE ONLY

DART SERVICE INSTRUCTION

DAS
15
9-89

TO AMEND IIN-D139-799 REV. G AND ICA-D139-799 REV. 6
REF. FAA STC: SR02138SE
REF. EASA STC: 10038656

PURPOSE:

The purpose of this Dart Service Instruction (DSI) is to provide a Cargo Compartment Protective Trim Kit for AW 139 rotorcraft S/N 41300 and Subsequent.

PROCEDURE:

Install the D4735-1 Scuff Plates in the same position and using the same procedure as outlined in Section 3.6 of IIN-D139-799 for installation of the D4427-1 Scuff Plates as part of the D139-799-021 Cargo Compartment Protective Trim Kit. Trim D4735-1 Scuff Plates as required to ensure proper fit.

PARTS LIST

QTY.	PART NUMBER	DESCRIPTION
X	D139-799-031	CARGO COMPARTMENT PROTECTIVE TRIM KIT
2	D4735-1	SCUFF PLATE
10	MS21075L3	NUTPLATE
10	MS27039-1-09	SCREW
10	NAS1149C0332R	WASHER (or AN960C10L)

WEIGHT AND BALANCE:

INSTALLATION	WEIGHT	LATERAL		LONGITUDINAL	
D139-799-031 CARGO COMPARTMENT PROTECTIVE TRIM KIT	2.5 lb 1.1 kg	+/- 0.0 in +/- 0.0 m	+/- 0.0 in +/- 0.0 m	296 in 7.51 m	740 in lb 8.3 m kg

CONTINUING AIRWORTHINESS:

Maintain per ICA-D139-799 as outlined for the D139-799-021 Kit.

A	NEW ISSUE	RF	12.11.01
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE USA, INC. KENT, WA	
DRAWN	RF		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9636	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		CARGO PROTECTIVE TRIM KIT	NTS
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